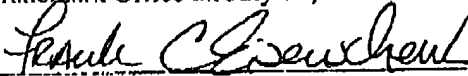


I hereby certify that this correspondence is being
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Frank C. Eisenschenk, Ph.D., Patent Attorney

AMENDMENT UNDER 37 C.F.R. §1.116

Examining Group 1631

Patent Application

Docket No. G-085US04CON **RECEIVED**

Serial No. 09/818,260 **CENTRAL FAX CENTER**

JUL 16 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Andrew A. Kenedy
Art Unit : 1631
Applicants : Nicholas J. Schork, Dani Fallin, Sebastien Lissarrague
Serial No. : 09/818,260
Filed : March 26, 2001
Confirm. No. : 9223
For : Methods of DNA Marker-Based Genetic Analysis Using Estimated
Haplotype Frequencies and Uses Thereof

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

AMENDMENT UNDER 37 C.F.R. §1.116

Sir:

In response to the Office Action dated April 20, 2004, please amend the above-identified
patent application as follows: